

ORCHIDS FOUND IN THE REGION OF ASQUAM LAKE.

ALBERT EDGAR LOWENSTEIN.

IN the following list are enumerated the *Orchidaceae* found by the members of Camp Algonquin, Holderness, New Hampshire. The region explored was bounded roughly as follows: on the north by Mt. Israel, on the east by Red Hill, on the south by the town of Ashland, and on the west by Mt. Prospect. This district includes all of Asquam Lake. The Squam Range runs from southwest to northeast through the central part of the region.

During the last five years the boys of the camp have scoured this section thoroughly, and have made up a list of some 750 plants. A list of animals has also been made. Of the orchids here mentioned a practically complete series has been contributed to the herbarium of the New England Botanical Club.

CYPRIPEDIUM L.

- C. PARVIFLORUM Salsib. Rare; one record, Squam Mtn.
C. ACAULE Ait. Abundant; the commonest orchid.

HABENARIA Willd.

- H. BRACTEATA (Willd.) R. Br. Locally common.
H. HYPERBOREA (L.) R. Br. Locally abundant; only found in one place to my knowledge, but very common there.
H. DILATATA (Pursh) Gray. Rare; Squam Mtn.
H. CLAVELLATA (Michx.) Spreng. Common.
H. HOOKERI Torr. Common near the lake.
H. ORBICULATA (Pursh) Torr. Generally found with the last.
H. LACERA (Michx.) R. Br. Common.
H. PSYCODES (L.) Sw. Common.
H. ANDREWSII White. Rare; only two records, Centre Harbor.
H. FIMBRIATA (Ait.) R. Br. Common.

POGONIA Juss.

- P. OPHIOGLOSSOIDES (L.) Ker. Only known to grow in one locality, but rather common there.

P. TRIANTHOPHORA (Sw.) BSP. Probably the commonest orchid next to *Cypripedium acaule*, more than 5000 plants found in 1916.

SPIRANTHES Richard.

- S. GRACILIS (Bigel.) Beck. Common.
- S. CERNUA (L.) Richard. Common.
- S. CERNUA var. OCHROLEUCA (Rydb.) Ames. Rare.
- S. ROMANZOFFIANA Cham. Common.

EPIPACTIS [Haller] Boehm.

- E. REPENS var. ophioides (Fernald) A. A. Eaton. Common.
- E. TESSELATA (Lodd.) A. A. Eaton. Common.
- E. PUBESCENS (Willd.) A. A. Eaton. Common.

LISTERA R. Br.

- L. CORDATA (L.) R. Br. Local; Squam Mountain (*M. L. Fernald*).

CORALLORHIZA [Haller] R. Br.

- C. MACULATA Raf. Common.
- C. TRIFIDA Chatelain. Local; Squam Mtn.

MICROSTYLIS (Nutt.) Eaton.

- M. UNIFOLIA (Michx.) BSP. Rare; three records.

LIPARIS Richard.

- L. LOESELII (L.) Richard. Rare; only one record.

N. B. *Arethusa bulbosa* L. has been reported from the region, but we have not found it. For the record of *Listera cordata* R. Br. I am indebted to Prof. Fernald.

PROVIDENCE, RHODE ISLAND.